ABSTRACT

A photocurable composition comprising the following components (A) to (D): (A) at least one of the (meth)acrylates having the structures shown by the formulas (1) and (2),

$$R^{2} \longrightarrow \bigcap_{R^{1}} O \longrightarrow \bigcap_{R^{$$

wherein R¹ represents a hydrogen atom or a halogen atom excluding a fluorine atom, R² is a hydrogen atom, a halogen atom excluding a fluorine atom, Ph-C(CH₃)₂-, Ph-, or an alkyl group having 1-20 carbon atoms, and R³ represents -CH₂-, -S-, or -C(CH₃)₂-; (B) a (meth)acrylate having three or more functional groups, excluding the (meth)acrylates of the component (A);

(C) a radical photoinitiator; and

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- (D) a polycarbonate polyol having a hydroxyl value of 10-100;
- wherein 5-50 wt% of the total acrylic components in the composition are methacrylate compounds.

A photocurable composition produces a cured product possessing a high refractive index, excelling in heat resistance, showing only a small amount of warping, and being particularly useful as an optical part such as a prism lens sheet.